

Model Description

FCC ID : APYHRO00090	Model Name : 830SHe
Destination : Japan Market only	Brand Name : SoftBank
Emission Type : GSM(PCS) ----- GXW	Type of Equipment : Cellular Phone

RF-section

Items		
Cellular Phone	Technical Specification	3GPP R99
	Frequency Band	WCDMA 2000MHz(band I) : Tx 1922.6 to 1977.4MHz, Rx 2112.6 to 2167.4MHz NOTE: Band I does not operate in USA GSM 900MHz : Tx 880.2 to 914.8MHz, Rx 925.2 to 959.8MHz 1800MHz : Tx 1710.2 to 1784.8MHz, Rx 1805.2 to 1879.8MHz 1900MHz : Tx 1850.2 to 1909.8MHz, Rx 1930.2 to 1989.8MHz NOTE: GSM900/1800MHz Band do not operate in USA
	Tx Power	WCDMA : 24dBm+1dB/-3dB GSM 900MHz : 33dBm±2dB(GSM/GPRS) 1800MHz : 30dBm±2dB(GSM/GPRS) 1900MHz : 30dBm±2dB(GSM/GPRS)
	Transmission Technology	WCDMA : DS/CDMA, FDD GSM : FDMA/TDMA
	Data Transmission	GSM GPRS: GMSK GSM GPRS Class 10 (Total 5slots, TX: max 2 / RX: max 4)
	Voice Codec	WCDMA : AMR GSM : EFR/ FR
	Antenna	WCDMA Antenna: Reversed F Type Antenna GSM Antenna: Reversed L Type ----- See attached construction drawing

Class B Personal computer PERIPHERAL DEVICE

Items		
USB	Clock Frequency	26MHz, 208MHz
	USB Data Cable / Connector	Shielded / Unshielded

Feature

Cell Phone Feature	SIM		Plug-in 3V SIM card slot	
	Display			
		Main	2.4inch, 262,144 colors TFT(ASV), 240x320(QVGA) with Backlight	
		Sub	Monochrome EL, 96x39	
	Camera			
		Main	C-MOS 2M pixel (AF)	
		Sub	None	
	Battery/ Talk time			
		Battery Capacity	780mAh	
		Battery type	Rechargeable Lithium-Ion Battery	
		standby time	WCDMA 350h / GSM 320h	
		talk time	WCDMA 260min. / GSM 240min.	
	Dimensions			
		Target size	49.0(W) x 97.0(D) x 17.6(H)mm (Close position)	
		Target weight	105g	
Key Layout			Soft key (2keys), Navigation key (4keys), Center key, Custom key (2keys), 0-9 numeric keys, Send/End keys, "*", "#", "Clear" and 4 side keys	
FeliCa			none	
Bluetooth			none	

Interface

External I/F	Headset connector		For Stereo Headset (10 pins)
	MCPC connector		For USB Cable or PC Link cable or AC Charger
	SIM card terminal		1 slot
	SD Card connector		For micro SD card (1 slot)
	Integrated charger circuit		The terminals of charging are for using a cradle.

Accessory

Accessory	AC Charger		Inbox Accessories, Products Code: ZTDAA1 Input AC 100 to 240V Output DC 5.4V/700mA
	Battery		Inbox Accessories, Products Code: SHBBY1 Lithium-Ion,DC3.7V 780mAh
	Stereo Handsfree(Headset)		Optional Accessories
	USB Data Cable		Optional Accessories